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(54) CONTAINER TERMINAL

(57) Abstract:

PROBLEM TO BE SOLVED: To improve cargo handling efficiency in container terminals.

SOLUTION: This container terminal comprises multistory container cabinets provided with container shelves 2 in stages and in lines and arranged in pairs of two lines defining a container movement passage in between, automatic stacking cranes 3 for storing containers 13 on the container shelves 2 while moving along the passages, a sea-side traverser rail 15 (15a, 15b) laid to connect the sea-side face and interior of the cabinets, a land-side traverser rail 16 arranged to connect the land-side face and interior of the cabinets, and traversers 4 (4a to 4e) movable on the rails 15 and 16 while carrying the containers 13. The container movement passages extend in lines between the sea-side and land-side cabinets. That portion of the sea-side and land-side transverse rails 15 and 16 which lies inside each cabinet is perpendicular to the passage. The sea-side traverser rail 15 is for both upper and lower

portions of each cabinet, and the land-side traverser rail 16 is for the lower portion of each cabinet.

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